

# NOMENCLATURAL TRANSFERS IN THE GENUS *MYRSINE* (MYRSINACEAE) FOR NEW CALEDONIA

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## ABSTRACT

The names of 55 taxa of New Caledonia *Rapanea* are transferred to *Myrsine*. Thirty-eight new combinations are made including: ***M. albiflorens*** (M. Schmid) Ricketson & Pipoly; ***M. arborea*** (M. Schmid) Ricketson & Pipoly; ***M. asymmetrica*** (Mez) Ricketson & Pipoly; ***M. belepensis*** (M. Schmid) Ricketson & Pipoly; ***M. bouldaensis*** (M. Schmid) Ricketson & Pipoly; ***M. citrifolia*** (Mez) Ricketson & Pipoly; ***M. diminuta*** (Mez) Ricketson & Pipoly; ***M. discocarpa*** (M. Schmid) Ricketson & Pipoly; ***M. dumbeaensis*** (M. Schmid) Ricketson & Pipoly; ***M. grandifolia*** (S. Moore) Ricketson & Pipoly; ***M. humboldtensis*** (M. Schmid) Ricketson & Pipoly; ***M. katrikouensis*** (M. Schmid) Ricketson & Pipoly; ***M. koghiensis*** (M. Schmid) Ricketson & Pipoly; ***M. kuebiniensis*** (M. Schmid) Ricketson & Pipoly; ***M. lecardii*** (Mez), Ricketson & Pipoly; ***M. macrophylla*** (Mez) Ricketson & Pipoly; ***M. mcphersonii*** (M. Schmid) Ricketson & Pipoly; ***M. memaoyaensis*** (M. Schmid) Ricketson & Pipoly; ***M. modesta*** (Mez) Ricketson & Pipoly; ***M. munzingeri*** (M. Schmid) Ricketson & Pipoly; ***M. nigricans*** (M. Schmid) Ricketson & Pipoly; ***M. nitens*** (M. Schmid) Ricketson & Pipoly; ***M. novocaledonica*** (Mez) Ricketson & Pipoly; ***M. oblanceolata*** (M. Schmid) Ricketson & Pipoly; ***M. obovalifolia*** (M. Schmid) Ricketson & Pipoly; ***M. ouameniensis*** (M. Schmid) Ricketson & Pipoly; ***M. ouazangouensis*** (M. Schmid) Ricketson & Pipoly; ***M. ovicarpa*** (M. Schmid) Ricketson & Pipoly; ***M. paniensis*** (M. Schmid) Ricketson & Pipoly; ***M. parvicarpa*** (M. Schmid) Ricketson & Pipoly; ***M. poumensis*** (M. Schmid) Ricketson & Pipoly; ***M. pronyensis*** (Guillaumin) Ricketson & Pipoly; ***M. spissifolia*** (M. Schmid) Ricketson & Pipoly; ***M. stenophylla*** (Mez) Ricketson & Pipoly; ***M. taomensis*** (M. Schmid) Ricketson & Pipoly; ***M. tchingouensis*** (M. Schmid) Ricketson & Pipoly; ***M. verrucosa*** (M. Schmid) Ricketson & Pipoly; ***M. yateensis*** (M. Schmid) Ricketson & Pipoly. New combinations and statuses are made for sixteen former varieties and one forma, raising them to the rank of subspecies, including: ***M. asymmetrica*** (Mez) Ricketson & Pipoly subsp. ***magnifolia*** (M. Schmid) Ricketson & Pipoly; ***M. asymmetrica*** (Mez) Ricketson & Pipoly subsp. ***paniensis*** (M. Schmid) Ricketson & Pipoly; ***M. asymmetrica*** (Mez) Ricketson & Pipoly subsp. ***parvifolia*** (M. Schmid) Ricketson & Pipoly; ***M. lanceolata*** Pancher & Sébert subsp. ***ouenarouensis*** (M. Schmid) Ricketson & Pipoly; ***M. macrophylla*** (Mez) Ricketson & Pipoly subsp. ***menaziensis*** (M. Schmid) Ricketson & Pipoly; ***M. modesta*** (Mez) Ricketson & Pipoly subsp. ***coriaria*** (M. Schmid) Ricketson & Pipoly; ***M. modesta*** (Mez) Ricketson & Pipoly subsp. ***tiebaghiensis*** (M. Schmid) Ricketson & Pipoly; ***M. nigricans*** (M. Schmid) Ricketson & Pipoly subsp. ***ouinensis*** (M. Schmid) Ricketson & Pipoly; ***M. novocaledonica*** (Mez) Ricketson & Pipoly subsp. ***balabioensis*** (M. Schmid) Ricketson & Pipoly; ***M. novocaledonica*** (Mez) Ricketson & Pipoly subsp. ***bouldaensis*** (M. Schmid) Ricketson & Pipoly; ***M. novocaledonica*** (Mez) Ricketson & Pipoly subsp. ***kaalaensis*** (M. Schmid) Ricketson & Pipoly; ***M. novocaledonica*** (Mez) Ricketson & Pipoly subsp. ***mueoensis*** (M. Schmid) Ricketson & Pipoly; ***M. novocaledonica*** (Mez) Ricketson & Pipoly subsp. ***piroguensis*** (M. Schmid) Ricketson & Pipoly; ***M. oblanceolata*** (M. Schmid) Ricketson & Pipoly subsp. ***doensis*** (M. Schmid) Ricketson & Pipoly; ***M. parvicarpa*** (M. Schmid) Ricketson & Pipoly subsp. ***amosensis*** (M. Schmid) Ricketson & Pipoly; ***M. parvicarpa*** (M. Schmid) Ricketson & Pipoly subsp. ***pachyphylla*** (M. Schmid) Ricketson & Pipoly; ***M. verrucosa*** (M. Schmid) Ricketson & Pipoly subsp. ***microphylla*** (M. Schmid) Ricketson & Pipoly. Three binomials are lectotypified: ***M. citrifolia*** (Mez) Ricketson & Pipoly; ***M. lecardii*** (Mez), Ricketson & Pipoly; ***M. stenophylla*** (Mez) Ricketson & Pipoly. Finally, the lectotypification status is discussed for ***M. lanceolata*** Pancher & Sébert.

## RESUMEN

Se transfieren cincuenta y cinco taxa anteriormente referidos al género *Rapanea* Aubl. provenientes de la isla de Nueva Caledonia al género *Myrsine* L. Se proponen treinta y ocho nuevas combinaciones, listadas a continuación: ***M. albiflorens*** (M. Schmid) Ricketson & Pipoly; ***M. arborea*** (M. Schmid) Ricketson & Pipoly; ***M. asymmetrica*** (Mez) Ricketson & Pipoly; ***M. belepensis*** (M. Schmid) Ricketson & Pipoly; ***M. bouldaensis*** (M. Schmid) Ricketson & Pipoly; ***M. citrifolia*** (Mez) Ricketson & Pipoly; ***M. diminuta*** (Mez) Ricketson & Pipoly; ***M. discocarpa*** (M. Schmid) Ricketson & Pipoly; ***M. dumbeaensis*** (M. Schmid) Ricketson & Pipoly; ***M. grandifolia*** (S. Moore) Ricketson & Pipoly; ***M. humboldtensis*** (M. Schmid) Ricketson & Pipoly; ***M. katrikouensis*** (M. Schmid) Ricketson & Pipoly; ***M. koghiensis*** (M. Schmid) Ricketson & Pipoly; ***M. kuebiniensis*** (M. Schmid) Ricketson & Pipoly; ***M. lecardii*** (Mez), Ricketson & Pipoly; ***M. macrophylla*** (Mez) Ricketson & Pipoly; ***M. mcphersonii*** (M. Schmid) Ricketson & Pipoly; ***M. memaoyaensis*** (M. Schmid) Ricketson & Pipoly; ***M. modesta*** (Mez) Ricketson & Pipoly; ***M. munzingeri*** (M. Schmid) Ricketson & Pipoly; ***M. nigricans*** (M. Schmid) Ricketson & Pipoly; ***M. nitens*** (M. Schmid) Ricketson & Pipoly; ***M. novocaledonica*** (Mez) Ricketson & Pipoly; ***M. oblanceolata*** (M. Schmid) Ricketson

& Pipoly; **M. obovalifolia** (M. Schmid) Ricketson & Pipoly; **M. ouameniensis** (M. Schmid) Ricketson & Pipoly; **M. ouazangouensis** (M. Schmid) Ricketson & Pipoly; **M. ovicarpa** (M. Schmid) Ricketson & Pipoly; **M. paniensis** (M. Schmid) Ricketson & Pipoly; **M. parvicarpa** (M. Schmid) Ricketson & Pipoly; **M. poumensis** (M. Schmid) Ricketson & Pipoly; **M. pronyensis** (Guillaumin) Ricketson & Pipoly; **M. spissifolia** (M. Schmid) Ricketson & Pipoly; **M. stenophylla** (Mez) Ricketson & Pipoly; **M. taomensis** (M. Schmid) Ricketson & Pipoly; **M. tchingouensis** (M. Schmid) Ricketson & Pipoly; **M. verrucosa** (M. Schmid) Ricketson & Pipoly; **M. yateensis** (M. Schmid) Ricketson & Pipoly. Se proponen nuevas combinaciones y cambios del estatus donde se elevan dieciséis variedades y una forma, hasta el nivel de subespecie, mientras que se las transfieren al género *Myrsine*; incluyendo las siguientes: **M. asymmetrica** (Mez) Ricketson & Pipoly subsp. **magnifolia** (M. Schmid) Ricketson & Pipoly; **M. asymmetrica** (Mez) Ricketson & Pipoly subsp. **paniensis** (M. Schmid) Ricketson & Pipoly; **M. asymmetrica** (Mez) Ricketson & Pipoly subsp. **parvifolia** (M. Schmid) Ricketson & Pipoly; **M. lanceolata** Pancher & Sébert subsp. **ouenarouensis** (M. Schmid) Ricketson & Pipoly; **M. macrophylla** (Mez) Ricketson & Pipoly subsp. **menaziensis** (M. Schmid) Ricketson & Pipoly; **M. modesta** (Mez) Ricketson & Pipoly subsp. **coriaria** (M. Schmid) Ricketson & Pipoly; **M. modesta** (Mez) Ricketson & Pipoly subsp. **tiebaghiensis** (M. Schmid) Ricketson & Pipoly; **M. nigricans** (M. Schmid) Ricketson & Pipoly subsp. **ouinensis** (M. Schmid) Ricketson & Pipoly; **M. novocaledonica** (Mez) Ricketson & Pipoly subsp. **balabioensis** (M. Schmid) Ricketson & Pipoly; **M. novocaledonica** (Mez) Ricketson & Pipoly subsp. **boulindaensis** (M. Schmid) Ricketson & Pipoly; **M. novocaledonica** (Mez) Ricketson & Pipoly subsp. **kaalaensis** (M. Schmid) Ricketson & Pipoly; **M. novocaledonica** (Mez) Ricketson & Pipoly subsp. **mueoensis** (M. Schmid) Ricketson & Pipoly; **M. novocaledonica** (Mez) Ricketson & Pipoly subsp. **piroguensis** (M. Schmid) Ricketson & Pipoly; **M. oblanceolata** (M. Schmid) Ricketson & Pipoly subsp. **doensis** (M. Schmid) Ricketson & Pipoly; **M. parvicarpa** (M. Schmid) Ricketson & Pipoly subsp. **amossensis** (M. Schmid) Ricketson & Pipoly; **M. parvicarpa** (M. Schmid) Ricketson & Pipoly subsp. **pachyphylla** (M. Schmid) Ricketson & Pipoly; **M. verrucosa** (M. Schmid) Ricketson & Pipoly subsp. **microphylla** (M. Schmid) Ricketson & Pipoly. Se lectotipifican tres bionomiales: **M. citrifolia** (Mez) Ricketson & Pipoly; **M. lecardii** (Mez), Ricketson & Pipoly; **M. stenophylla** (Mez) Ricketson & Pipoly. Además, se discute la polémica lectotipificación para **M. lanceolata** Pancher & Sébert que todavía no tiene resolución definitiva.

#### INTRODUCTION

The relationship among *Myrsine* L. and its satellites (inter alia *Rapanea* Aubl. and *Suttonia* A. Rich.) has been a historical focal point for taxonomic contention that has resulted in the treatment of many species as *Rapanea* by regional floristicians, while monographers have determined that the variation in androecial structure among staminate flowers, and in gynoecial structure among the pistillate, supports the more broadly defined, monophyletic concept of *Myrsine*. Regional monographers recognizing the more inclusive concept include Hosaka (1940), Backer & Bakhuizen van den Brink (1965), Smith (1973), Fosberg & Sachet (1975, 1980), Sachet (1975), Li (1978), Wagner et al. (1990), Pipoly & Chen (1995), Pipoly (1996, 2007), Jackes (2005) and Takeuchi and Pipoly (2009). Among all of these papers, the most detailed treatment discussing all sides of the issue is provided by Pipoly (1996) in treating *Myrsine* of the Philippines. Given all the reasons cited in the aforementioned papers, we find that the recent new taxa and combinations made in *Rapanea* from New Caledonia by M. Schmid (2009), need to be transferred to *Myrsine*, to provide a consistent treatment of the genus pantropically, and necessitating the following new combinations:

- Myrsine albiflorens** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea albiflorens* M. Schmid, *Adansonia*, sér. 3, 31:362. 2009. TYPE: NEW CALEDONIA: Koné, Creek Pandanus, 21°02'04"S, 164°46'31"E, 27 Jul 2006 (fl), J. Munzinger & I. Spir 3513 (HOLOTYPE: P; ISOTYPES: MO, NOU).
- Myrsine arborea** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea arborea* M. Schmid, *Adansonia*, sér. 3, 31:382, fig. 12A–D. 2009. TYPE: NEW CALEDONIA: Haute vallée de l'Amoa, ca. 400 m, 12 Aug 1965 (stam. fl), H. MacKee 13241 (HOLOTYPE: P).
- Myrsine asymmetrica** (Mez) Ricketson & Pipoly, comb. nov. *Rapanea asymmetrica* Mez, *Pflanzenr.* IV. 236(Heft 9):366, fig. 61. 1902. TYPE: NEW CALEDONIA: Prony, Sep 1868 (fr), B. Balansa 396 (LECTOTYPE: P [designated by Schmid 2009]; ISOLECTOTYPES: P [2]).
- Myrsine asymmetrica** (Mez) Ricketson & Pipoly subsp. **magnifolia** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea asymmetrica* Mez f. *magnifolia* M. Schmid, *Adansonia*, sér. 3, 31:348. 2009. TYPE: NEW CALEDONIA: Sin. loc., Exposition Universelle, 1889 (fr), sine Coll. 62 (HOLOTYPE: P; ISOTYPE: P).
- Myrsine asymmetrica** (Mez) Ricketson & Pipoly subsp. **paniensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea asymmetrica* Mez var. *paniensis* M. Schmid, *Adansonia*, sér. 3, 31:350. 2009. TYPE: NEW CALEDONIA: Panié, 1200 m, 08 Apr 2006 (fr), J. Munzinger, Y. Pillon, H. Blaffart, M. Wanguene & I. Spir 3468 (HOLOTYPE: P; ISOTYPES: MO, NOU).
- Myrsine asymmetrica** (Mez) Ricketson & Pipoly subsp. **parvifolia** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea asymmetrica* Mez var. *parvifolia* M. Schmid, *Adansonia*, sér. 3, 31:350, fig. 2C–F. 2009. TYPE: NEW CALEDONIA: Creek Pernod, ca. 180 m, 10 Oct 1987 (fr), H. MacKee 43737 (HOLOTYPE: P).

- Myrsine belepensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea belepensis* M. Schmid, *Adansonia*, sér. 3, 31:356, fig. 3C–D. 2009. TYPE: NEW CALEDONIA: Île Art, 21 Jun 1871 (fr), B. Balansa 3363 (HOLOTYPE: P).
- Myrsine boulindaensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea boulindaensis* M. Schmid, *Adansonia*, sér. 3, 31:361. 2009. TYPE: NEW CALEDONIA: Massif ultramafique du Boulinda, ca. 800 m, 26 Jul 1967 (fr), H. MacKee 17207 (HOLOTYPE: P).
- Myrsine citrifolia** (Mez) Ricketson & Pipoly, comb. nov. *Rapanea citrifolia* Mez, *Pflanzenr.* IV. 236(Heft 9): 368. 1902. TYPE: NEW CALEDONIA: À la base des Koghis, 1870 (fr), J. Pancher s.n., *Mus. néo. cal.* 302 bis (LECTOTYPE: P [P00537891], [designated here]; ISOLECTOTYPES: L, P [2]).  
*Note.*—Schmid (2009: 391) listed the “Pancher, *Mus. néo. cal.* 302 bis” collection from P as a holotype. However, Mez (1902: 368) in his original description clearly cited a Pancher s.n. collection from “herb. Mez, Paris.” His personal collection was presumably lost at B in 1943 (Hiepko 1987), or at the Königsberg University herbarium in Sep. 1944 (Stafleu & Cowan 1981: 451), and thus the P and L sheets are the only material available. We designate the P sheet [P00537891] as a lectotype.
- Myrsine diminuta** (Mez) Ricketson & Pipoly, comb. nov. *Rapanea diminuta* Mez, *Pflanzenr.* IV. 236(Heft 9):366. 1902. TYPE: NEW CALEDONIA: Sommet du Mont Mou, ca. 1200 m, 13 Apr 1870 (fl, fr), B. Balansa 2828 (LECTOTYPE: P [designated by Schmid 2009]; ISOLECTOTYPE: P).
- Myrsine discocarpa** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea discocarpa* M. Schmid, *Adansonia*, sér. 3, 31:366, figs. 1D, 4A–C. 2009. TYPE: NEW CALEDONIA: Oué Djaoumam région de Bourail, ca. 100 m, 24 Apr 1970 (fr), H. MacKee 21843 (HOLOTYPE: P).
- Myrsine dumbeaensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea dumbeaensis* M. Schmid, *Adansonia*, sér. 3, 31:356, figs. 1C, 3E–F. 2009. TYPE: NEW CALEDONIA: Bassin de la Dumbéa, ca. 50 m, 30 Jul 1984 (fr), H. MacKee 42081 (HOLOTYPE: P).
- Myrsine grandifolia** (S. Moore) Ricketson & Pipoly, comb. nov. *Rapanea grandifolia* S. Moore, *J. Linn. Soc., Bot.* 45(303):350. 1921. TYPE: NEW CALEDONIA: Montagnes au nord de la Ngoye, sur serpentines, 1914 (pist. fl), S. Compton 2065 (HOLOTYPE: K).
- Myrsine humboldtensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea humboldtensis* M. Schmid, *Adansonia*, sér. 3, 31:372, fig. 9A–D. 2009. TYPE: NEW CALEDONIA: Mont Humboldt, ca. 1500–1600 m, 23 Sep 1951 (fr), C. Baumann 15498 (HOLOTYPE: P).
- Myrsine katrikouensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea katrikouensis* M. Schmid, *Adansonia*, sér. 3, 31:390, fig. 8E–G. 2009. TYPE: NEW CALEDONIA: Haute Kouaou, Katrikouen, ca. 600 m, 27 May 1983 (fr), H. MacKee 41514 (HOLOTYPE: P).
- Myrsine koghiensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea koghiensis* M. Schmid, *Adansonia*, sér. 3, 31:385, Fig. 5A–B. 2009. TYPE: NEW CALEDONIA: Mont Moné, Koghis, ca. 700 m, 27 Jul 1951 (fr), M. Baumann-Bodenheim 14855 (HOLOTYPE: P).
- Myrsine kuebiniensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea kuebiniensis* M. Schmid, *Adansonia*, sér. 3, 31:366. 2009. TYPE: NEW CALEDONIA: Basse Kuébini, ca. 5 m, 26 Nov 1979 (fr), H. MacKee 37643 (HOLOTYPE: P).
- Myrsine lanceolata** Pancher & Sebert, *Not. Bois. Nouvel. Caledon.* 192. 1874. *Rapanea lanceolata* (Pancher & Sebert) Mez, *Pflanzenr.* IV. 236(Heft 9): 368. 1902. TYPE: NEW CALEDONIA: Sin. loc., 1861 (fl.), *Deplanche 24* (LECTOTYPE: P [designated by Schmid 2009]).  
*Note.*—Schmid (2009: 386) selected the *Deplanche 24* collection as a lectotype for this taxon. However, Pancher and Sébert in Sébert (1874: 192–193) did not list any specific material in their original description. In Mez’s (1902: 368–369) discussion for his new combination he lists two collections (*Deplanche 24* and *Pancher 35*) from P and BM. We can presume that Pancher and Sébert did have access to the *Pancher 35* collection; however, we cannot be certain if either collection was seen or used by them for their description. Although, we disagree with the selection of the *Deplanche 24* material as a lectotype, unfortunately at this time we are unable to locate a collection of *Pancher 35* and elect to defer correction of the lectotype at this time.
- Myrsine lanceolata** Pancher & Sebert subsp. **ouenarouensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea lanceolata* (Pancher & Sebert) Mez var. *ouenarouensis* M. Schmid, *Adansonia*, sér. 3, 31:387. 2009. TYPE: NEW CALEDONIA: Haute rivière des Pirogues, Ouénarou, ca. 150 m, 29 Aug 1987 (pist. fl), H. MacKee 43666 (HOLOTYPE: P).
- Myrsine lecardii** (Mez) Ricketson & Pipoly, comb. nov. *Rapanea lecardii* Mez, *Pflanzenr.* IV. 236(Heft 9):369. 1902. TYPE: NEW CALEDONIA: Sin. loc., 25 Sep 1876 (fr), *Lécard s.n.*, *Herb. de L’Exposition Colonial No.39 A53* (LECTOTYPE: P [P00537898], [designated here]).  
*Note.*—Schmid (2009: 356) listed the *Lécard 53* [sheet is listed as *Lécard 39 A53*] collection from P as a holotype. However, Mez (1902: 369) in his original description clearly cited a *Lécard s.n.* collection from “herb. Mez, Paris.” His personal collection was presumably lost at B in 1943 (Hiepko 1987), or at the Königsberg University herbarium in Sep. 1944 (Stafleu & Cowan 1981: 451), and thus the P sheet is the only material available. We designate the P sheet [P00537898] as a lectotype.

- Myrsine macrophylla** (Mez) Ricketson & Pipoly, comb. nov. *Rapanea macrophylla* Mez, Pflanzenr. IV. 236(Heft 9):369. 1902. TYPE: NEW CALEDONIA: Collines ferrugineuses à l'ouest de St. Louis, Dec 1868 (fr), B. Balansa 992 (LECTOTYPE: P [designated by Schmid 2009]).
- Myrsine macrophylla** (Mez) Ricketson & Pipoly subsp. **menaziensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea macrophylla* Mez var. *menaziensis* M. Schmid, Adansonia, sér. 3, 31:388. 2009. TYPE: NEW CALEDONIA: Massif du Menazi, ca. 800 m, 12 Sep 1993 (fr), T. Jaffré 3233 (HOLOTYPE: P).
- Myrsine mcphersonii** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea mcphersonii* M. Schmid, Adansonia, sér. 3, 31:366, fig. 5C–D. 2009. TYPE: NEW CALEDONIA: Sud: Mont Humboldt, 21°53'S, 166°25'E, ca. 1600 m, 19 Sep 1980 (fl), G. McPherson 3112 (HOLOTYPE: P; ISOTYPE: MO).
- Myrsine memaoyaensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea memaoyaensis* M. Schmid, Adansonia, sér. 3, 31:382, fig. 10E–H. 2009. TYPE: NEW CALEDONIA: Me Maoya, contrefort au sud de Djiaouma, ca. 1150 m, 11 Feb 1970 (fr), H. MacKee 21522 (HOLOTYPE: P).
- Myrsine modesta** (Mez) Ricketson & Pipoly, comb. nov. *Rapanea modesta* Mez, Pflanzenr. IV. 236(Heft 9):367. 1902. TYPE: NEW CALEDONIA: Au nord-est de la Conception, ca. 700 m, 07 Jan 1869 (fr), B. Balansa 991 (LECTOTYPE: P [designated by Schmid 2009]).
- Myrsine modesta** (Mez) Ricketson & Pipoly subsp. **coriaria** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea modesta* Mez var. *coriaria* M. Schmid, Adansonia, sér. 3, 31:360. 2009. TYPE: NEW CALEDONIA: Mont Do, ca. 1000 m, 13 Aug 1974 (fl, fr), H. MacKee 29119 (HOLOTYPE: P).
- Myrsine modesta** (Mez) Ricketson & Pipoly subsp. **tiebaghiensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea modesta* Mez var. *tiebaghiensis* M. Schmid, Adansonia, sér. 3, 31:361. 2009. TYPE: NEW CALEDONIA: Partie haute du massif de la Tiébaghi, ca. 500 m, 17 Oct 1969 (fr), H. MacKee 21016 (HOLOTYPE: P).
- Myrsine munzingeri** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea munzingeri* M. Schmid, Adansonia, sér. 3, 31:374, fig. 9E–G. 2009. TYPE: NEW CALEDONIA: Massif du Kouakoué, ca. 1250 m, 26 Nov 2002 (fr), J. Munzinger 1668 (HOLOTYPE: P).
- Myrsine nigricans** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea nigricans* M. Schmid, Adansonia, sér. 3, 31:362, fig. 4D–J. 2009. TYPE: NEW CALEDONIA: Mandjéla, partie septentrionale de la chaîne du Panié - Ignambi, ca. 750 m, s.d. (pist. fl), H. MacKee 40580 (HOLOTYPE: P; ISOTYPE: MO).
- Myrsine nigricans** (M. Schmid) Ricketson & Pipoly subsp. **ouinensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea nigricans* M. Schmid var. *ouinensis* M. Schmid, Adansonia, sér. 3, 31:364, fig. 4J. 2009. TYPE: NEW CALEDONIA: Mont Quin, contrefort méridional du massif ultramafique du Humboldt, ca. 1100 m, 11 Aug 1974 (fl, fr), H. MacKee 29079 (HOLOTYPE: P; ISOTYPE: MO).
- Myrsine nitens** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea nitens* M. Schmid, Adansonia, sér. 3, 31:370, figs. 1G, 8A–D. 2009. TYPE: NEW CALEDONIA: Ouazangou, 100-600 m, 19 Jun 1967 (fl, fr), H. MacKee 16929 (HOLOTYPE: P; ISOTYPE: MO).
- Myrsine novocaledonica** (Mez) Ricketson & Pipoly, comb. nov. *Rapanea novocaledonica* Mez, Pflanzenr. IV. 236(Heft 9):368. 1902. TYPE: NEW CALEDONIA: bosque des environs de Eammia, Environs de Nouméa, Feb 1871 (fl, fr), B. Balansa 3362 (LECTOTYPE: P [designated by Schmid 2009]; ISOLECTOTYPES: L, NY, P [2]).
- Myrsine novocaledonica** (Mez) Ricketson & Pipoly subsp. **balabioensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea novocaledonica* Mez var. *balabioensis* M. Schmid, Adansonia, sér. 3, 31:356. 2009. TYPE: NEW CALEDONIA: Île Balabio, baie du Capitaine, 10-150 m, 17 Sep 1974 (fr), H. MacKee 29314 (HOLOTYPE: P).
- Myrsine novocaledonica** (Mez) Ricketson & Pipoly subsp. **boulindaensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea novocaledonica* Mez var. *boulindaensis* M. Schmid, Adansonia, sér. 3, 31:354. 2009. TYPE: NEW CALEDONIA: Nord: Poya Commune, Poya, mine Saint-Louis, ca. 20 m, 07 Sep 1969, H. MacKee 20693 (HOLOTYPE: P).
- Myrsine novocaledonica** (Mez) Ricketson & Pipoly subsp. **kaalaensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea novocaledonica* Mez var. *kaalaensis* M. Schmid, Adansonia, sér. 3, 31:354. 2009. TYPE: NEW CALEDONIA: Sommet du mont Kaala, 1050 m, 09 Jul 1966 (fr), H. MacKee 15278 (HOLOTYPE: P).
- Myrsine novocaledonica** (Mez) Ricketson & Pipoly subsp. **mueoensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea novocaledonica* Mez var. *mueoensis* M. Schmid, Adansonia, sér. 3, 31:354. 2009. TYPE: NEW CALEDONIA: Muéo, mine Oubliée, ca. 200 m, 18 Aug 1984 (fr), H. MacKee 42184 (HOLOTYPE: P).
- Myrsine novocaledonica** (Mez) Ricketson & Pipoly subsp. **piroguensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea novocaledonica* Mez var. *piroguensis* M. Schmid, Adansonia, sér. 3, 31:354. 2009. TYPE: NEW CALEDONIA: Baie des Pirogues, 15 Apr 1967 (fl, fr), H. MacKee 16575 (HOLOTYPE: P).
- Myrsine oblanceolata** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea oblanceolata* M. Schmid, Adansonia, sér. 3, 31:388, fig. 13E–I. 2009. TYPE: NEW CALEDONIA: Baie de Prony, Sep 1868 (pist. fl), B. Balansa 397 (HOLOTYPE: P; ISOTYPES: P [2]).

- Myrsine oblanceolata** (M. Schmid) Ricketson & Pipoly subsp. **doensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea oblanceolata* M. Schmid var. *doensis* M. Schmid, *Adansonia*, sér. 3, 31:390. 2009. TYPE: NEW CALEDONIA: Mont Do, ca. 950 m, 28 Jul 1999 (pist. fl), T. Jaffré 3383 (HOLOTYPE: P; ISOTYPES: NOU, MO).
- Myrsine obovalifolia** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea obovalifolia* M. Schmid, *Adansonia*, sér. 3, 31:362. 2009. TYPE: NEW CALEDONIA: Nord: Mont Panié, 20°36'S, 164°46'E, ca. 1450 m, 13 Jan 1981 (fr), G. McPherson 3545 (HOLOTYPE: P; ISOTYPE: MO).
- Myrsine ouameniensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea ouameniensis* M. Schmid, *Adansonia*, sér. 3, 31:394, fig. 14A–C. 2009. TYPE: NEW CALEDONIA: Vallée de la Ouaménié, 02 Sep 2006 (pist. fl), J. Munzinger, D. Létocart, I. Létocart, R. Amice & Gateble 3534 (HOLOTYPE: P; ISOTYPES: MO, NOU).
- Myrsine ouazangouensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea ouazangouensis* M. Schmid, *Adansonia*, sér. 3, 31:364, fig. 4K–M. 2009. TYPE: NEW CALEDONIA: Massif ultramafique du Ouazangou-Taom, ca. 1000 m, 31 Jul 1981 (fl, fr), H. MacKee 39397 (HOLOTYPE: P; ISOTYPE: MO).
- Myrsine ovicarpa** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea ovicarpa* M. Schmid, *Adansonia*, sér. 3, 31:391, figs. 1K, 7F–I. 2009. TYPE: NEW CALEDONIA: Kouébini, zone côtière au sud-est de la Grande Terre, ca. 5 m, 26 Nov 1979 (fr), H. MacKee 37647 (HOLOTYPE: P).
- Myrsine paniensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea paniensis* M. Schmid, *Adansonia*, sér. 3, 31:384, fig. 11E–H. 2009. TYPE: NEW CALEDONIA: Mont Panié, versant oriental, ca. 1000 m, 14 Oct 1967 (pist. fl), M. Schmid 4150 (HOLOTYPE: P; ISOTYPE: NOU).
- Myrsine parvicarpa** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea parvicarpa* M. Schmid, *Adansonia*, sér. 3, 31:377, figs. 1H, 10A–D. 2009. TYPE: NEW CALEDONIA: Col des Roussettes, ca. 500 m, 23 Sep 1965 (stam. fl), H. MacKee 13446A (HOLOTYPE: P; ISOTYPE: P).
- Myrsine parvicarpa** (M. Schmid) Ricketson & Pipoly subsp. **amossensis** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea parvicarpa* M. Schmid var. *amossensis* M. Schmid, *Adansonia*, sér. 3, 31:378. 2009. TYPE: NEW CALEDONIA: Col d'Amoss, ca. 450 m, 13 Nov 2002 (fr), J. Munzinger et al. 1476 (HOLOTYPE: P; ISOTYPE: NOU).
- Myrsine parvicarpa** (M. Schmid) Ricketson & Pipoly subsp. **pachyphylla** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea parvicarpa* M. Schmid var. *pachyphylla* M. Schmid, *Adansonia*, sér. 3, 31:378, fig. 11A–D. 2009. TYPE: NEW CALEDONIA: Sud: Mont Kouakoué, 21°59'02"S, 166°32'10"E, ca. 1100 m, 06 Nov 2004 (fr), J. Labat, J. Munzinger & G. McPherson 3466 (HOLOTYPE: P; ISOTYPES: MO, NOU).
- Myrsine poumensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea poumensis* M. Schmid, *Adansonia*, sér. 3, 31:392, fig. 14D–E. 2009. TYPE: NEW CALEDONIA: Massif de Poum, ca. 350 m, 10 Sep 1969 (stam. fl), H. MacKee 20780 (HOLOTYPE: P).
- Myrsine pronyensis** (Guillaumin) Ricketson & Pipoly, comb. nov. *Rapanea pronyensis* Guillaumin, *Bull. Soc. Bot. France*. Sér. 5, 88(2-6):397. 1941. TYPE: NEW CALEDONIA: Baie de Prony, Sep 1868 (fl), B. Balansa 398 (HOLOTYPE: P).
- Myrsine spissifolia** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea spissifolia* M. Schmid, *Adansonia*, sér. 3, 31:383. 2009. TYPE: NEW CALEDONIA: Mont Paéoua, 800–1100 m, 14 Oct 1967 (fl, fr), H. MacKee 17702 (HOLOTYPE: P; ISOTYPE: MO).
- Myrsine stenophylla** (Mez) Ricketson & Pipoly, comb. nov. *Rapanea stenophylla* Mez, *Pflanzenr.* IV. 236(Heft 9):370. 1902. TYPE: NEW CALEDONIA: Berges de la Néoua, entre Bourail et Kouaoua, 18 Mar 1869 (fl), B. Balansa 990 (LECTOTYPE: P [P00537927], [designated here]; ISOLECTOTYPES: P [2]).  
*Note.*—Schmid (2009: 357) listed the B. Balansa 990 collection from P as a holotype. However, Mez (1902: 370) in his original description clearly cited the B. Balansa 990 collection from "herb. Mez, Paris." His personal collection was presumably lost at B in 1943 (Hiepko 1987), or at the Königsberg University herbarium in Sep. 1944 (Stafleu & Cowan 1981: 451), and thus the P sheets are the only material available. We here designate the P sheet [P00537927] as a lectotype.
- Myrsine taomensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea taomensis* M. Schmid, *Adansonia*, sér. 3, 31:384, fig. 12E–G. 2009. TYPE: NEW CALEDONIA: Mont Taom, ca. 1000 m, (fl, fr), H. MacKee 37162 (HOLOTYPE: P).
- Myrsine tchingouensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea tchingouensis* M. Schmid, *Adansonia*, sér. 3, 31:374, fig. 9H–I. 2009. TYPE: NEW CALEDONIA: Nord: Massif du Tchingou, 20°53'56"S, 165°00'27"E, 1260 m, 04 Apr 2001 (fr), J. Munzinger & G. McPherson 669 (HOLOTYPE: P; ISOTYPES: MO, NOU).
- Myrsine verrucosa** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea verrucosa* M. Schmid, *Adansonia*, sér. 3, 31:368, figs. 1E, 6A–D. 2009. TYPE: NEW CALEDONIA: Koniambo, 400–700 m, 21 May 1967 (fr), H. MacKee 16775 (HOLOTYPE: P).
- Myrsine verrucosa** (M. Schmid) Ricketson & Pipoly subsp. **microphylla** (M. Schmid) Ricketson & Pipoly, comb. et stat. nov. *Rapanea verrucosa* M. Schmid var. *microphylla* M. Schmid, *Adansonia*, sér. 3, 31:370, fig. 6E–F. 2009. TYPE: NEW CALEDONIA: Montagne au sud de Thio, ca. 600 m, 07 Aug 1966 (fr), H. MacKee 15466 (HOLOTYPE: P).

**Myrsine yateensis** (M. Schmid) Ricketson & Pipoly, comb. nov. *Rapanea yateensis* M. Schmid, *Adansonia*, sér. 3, 31:370, figs. 1F, 7A–E. 2009. TYPE: NEW CALEDONIA: Gouemba, au dessus de Yaté, ca. 300 m, 04 Jun 1977 (fr), H. MacKee 33347 (HOLOTYPE: P).

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